

What is claimed is:

- 5 1. A network interface device comprising:
a housing defining a network access compartment and a customer
access compartment, each having slot cavities;
a network interface unit module removably mounted in said
housing in at least one of said slot cavities of said network
access compartment; and
a corresponding removable customer access module mounted in
10 said housing in at least one of said slot cavities of said customer
access compartment.
- 5 2. The device of Claim 1, wherein said network interface unit
module includes network interface unit circuitry, a network service
provider interface, and a removable customer access module
interface.
3. The device of Claim 2, wherein said removable customer
access module includes removable customer access module circuitry
compatible with said network interface unit circuitry, a network
interface module connector, and a customer equipment interface.
- 20 4. The device of Claim 1, wherein said network interface unit
module terminates network services.
5. The device of Claim 4, wherein said network services which
are terminated are HDSL, HDSL2, HDSL4, G.shdsl or T1 service.

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6. The device of Claim 1, wherein said network interface unit module and said removable customer access module cooperate to deliver high speed telecommunications services.

5 7. The device of Claim 5, wherein said high speed telecommunications services which are delivered are Ethernet, Wireless, Home Phonenumber Networking Alliance, or T1 service.

8. The device of Claim 3, wherein said customer equipment interface is an RJ48 or RJ11 interface or terminal screws.

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9. A method of delivering high speed telecommunications services in existing network interface devices having a housing defining a network access compartment and a customer access compartment, each having a plurality of slot cavities, said method comprising the steps of:

removably mounting a network interface unit module in said housing in at least one of said plurality of slot cavities of said network access compartment;

removably mounting a corresponding removable customer access module mounted in said housing in at least one of said plurality of single slot cavities of said customer access compartment;

20 operatively connecting said network interface unit module to a network service provider's facilities;

operatively connecting said network interface unit module to said corresponding removable customer access module; and

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operatively connecting said removable customer access module to a customer's telecommunication equipment.

10. The method of Claim 9, further comprising the step of terminating in said network interface unit module a signal received
5 from said network service provider's facility.

11. The method of Claim 10, wherein said signal which is terminated is an HDSL, HDSL2, HDSL4, ADSL, VDSL, G.shdsl or T1 service.

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12. The method of Claim 10, further comprising the step of delivering via said removable customer access module said high speed telecommunications services.

13. The device of Claim 12, wherein said high speed telecommunications services which are delivered are Ethernet, Wireless, Home Phoneline Networking Alliance, or T1 service.

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14. A network interface unit for installation in a network interface device having a housing defining a network access compartment and a customer access compartment, each having a plurality of slot cavities, said network interface unit comprising:

20 a network interface unit module adapted to insert into the confines of at least one of said slot cavities of said network access compartment, said module comprising network interface unit circuitry, a first interface for connecting said network interface unit module to a network service provider's facility, and a second

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interface for connecting said network interface unit module to a removable customer access module.

15. A method of integrating a network interface unit in an existing network interface device having a housing defining a network access compartment and a customer access compartment, each
5 having a plurality of slot cavities, said method comprising the steps of:

providing a network interface unit module adapted to insert into the confines of at least one of said slot cavities of said
10 network access compartment such that high speed telecommunications services can be terminated and delivered without having to replace or modify the existing network interface device.

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